

# MIPP Project Status

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Fermilab, 8 February 2003

## Items

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- **Gross Schedule**
- **Progress Since November**
- **Funding**
- **Overall Status and Projections**
- **Critical Issues**

# Gross Schedule

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- **Hard End Date: NuMI Startup**
  - Start Commissioning ~12/8/04
  - CD-4 Start Operations ~1/19/05
  - Shift  $\pm 1$  Month Over Last Year - MINOS Is Holding To Schedule
- **Short Term Schedule in Leon's Talk**

# Progress Since November

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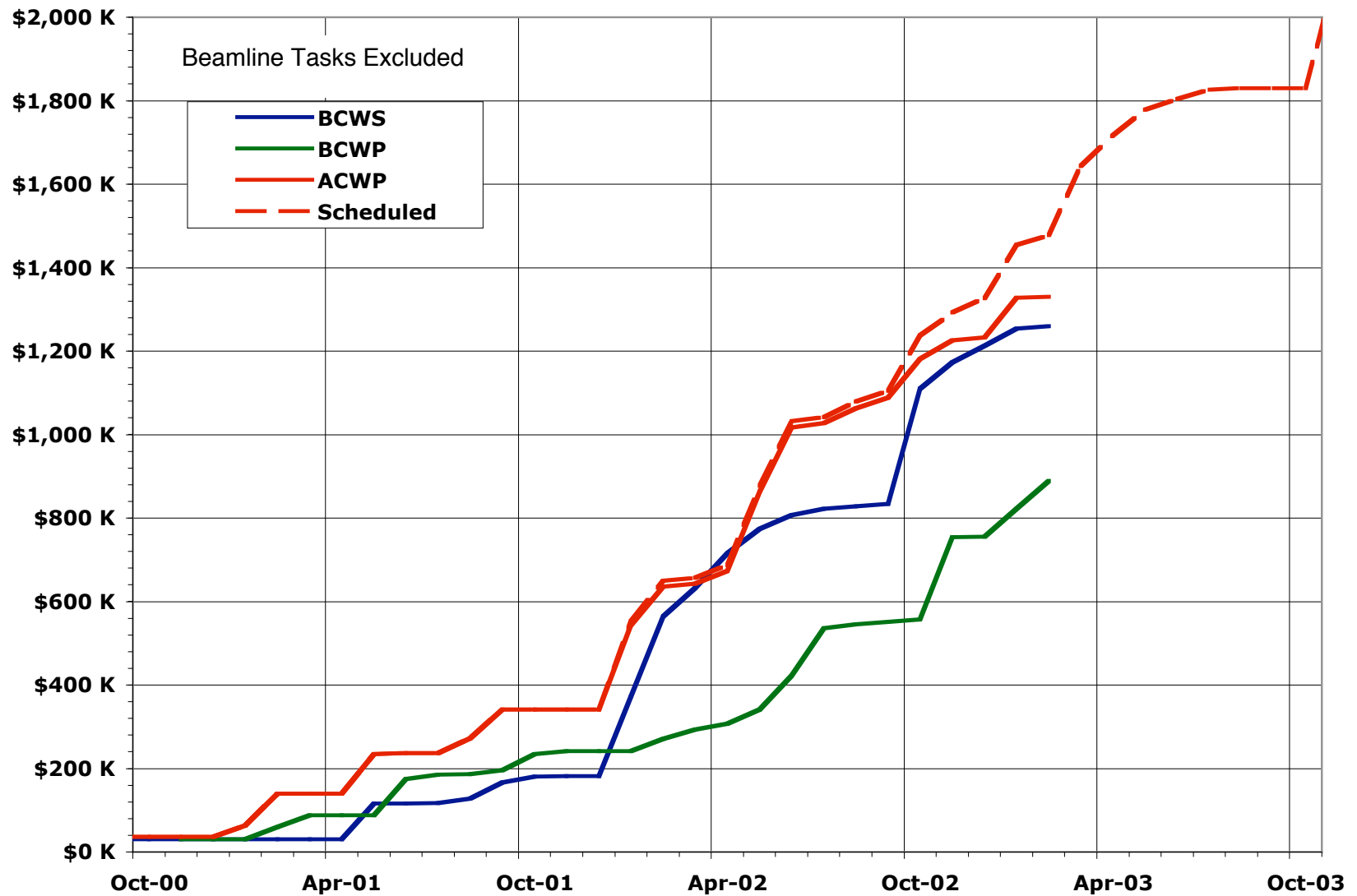


- **Tasks (Nearly) Completed Since November**
  - **Beam**            **Convergence on beamline design(?)**
  - **BCKOV**        **Refurbishment begun.**
  - **TPC**            **Stand and cart fabbed and installed.**
  - **Magnets**       **Operational (on temporary supply), mapped.**
  - **DC1-4**          **Two cleaned.**
  - **DC3456**        **Stand designs completed, orders placed.**
  - **Gas Sys**        **First real designs.**
  - **MC7**            **Building completed,  
AC distribution and cable trays in progress.**



- **Good News - Surviving Without A Budget**  
Despite Continuing Resolutions
  - \$310K FY03 Statement of Work signed 8 November 2002.
  - Additional \$55K in POs placed directly by Livermore.
- **Bad News - How Much Longer?**
  - March 30 DOE spending ceiling affects Livermore:
    - Have been asked to reduce our spending rate on people and travel.
    - Starting to have noticeable impact on Livermore progress.
    - So far hasn't stopped POs, only delayed them 1-2 weeks.
    - (If no budget by March 30 we will be facing disaster scenarios . . .)
  - Recall FY02 year end closeout snafu:
    - \$133K charged against LLNL FY03 funds
    - Both labs have talked about redress, but no action possible without a budget.
- **More Good News**
  - TOF Funding Plan in Place
    - USC Dean's funds to build it in FY03, Livermore to buy it in FY04

# Earned Value Through January 2003



# Earned Value Analysis

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- **Burning At The Right Rate**
- **Schedule Variance**
  - About 3-4 months - hardware ready early June
  - Assumed DC testing finishes by April
- **Cost Variance**
  - Funding going to be very tight to finish.
  - Largest unknowns are cable plant and gas systems.

# My Concerns (or What I Don't Know)

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- **Labor Intensive**
  - Potential to delay readiness for beam
  - Potential to delay commissioning and operations
- **Procurement Intensive**
  - Potential to run out of \$
- **Both**
- **Drift Chambers**
  - DC1-4 Testing
  - DC1-4 Electronics Testing
  - DC5-6 RMH Readout
- **DAQ**
- **Cable plant**
  - Especially DC and TOF
- **Rack protection**
- **TOF**
- **Gas Systems**
  - Freeze designs and start building/installation